



DOCKET NO: C1123.70001US00

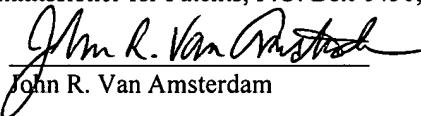
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Nishikawa et al.  
Serial No: 10/017,672  
Conf. No.: 9573  
Filed: December 14, 2001  
For: BINDING COMPOUNDS AND METHODS FOR IDENTIFYING  
BINDING COMPOUNDS

Examiner: Shibuya, Mark Lance  
Art Unit: 1639

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 8 day of March 2005.

  
John R. Van Amsterdam

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Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**RESPONSE TO SPECIES ELECTION REQUIREMENT**

In response to the species election requirement mailed September 8, 2004, Applicant elects the following species:

- (1) type of kinase: IGF-1 receptor;
- (2) phosphorylatable amino acid: Tyr;
- (3) single value for n and for m: n=5, m=5.

Claims 1-4 and 66-68 read on these species. Applicant respectfully requests that additional species be considered once the Examiner has examined those presently selected.

The Examiner also stated that a species should be elected for Xaa with respect to claims 66-75. Applicant respectfully requests that the Examiner reconsider this requirement, for the following reason. The formulae in claims 66-75 that the Examiner seeks to restrict to a single

species are Xaa<sub>n</sub>-Tyr-Xaa<sub>m</sub>, Xaa<sub>n</sub>-Ser-Xaa<sub>m</sub>, or Xaa<sub>n</sub>-Thr-Xaa<sub>m</sub>. If Applicant selects a single amino acid, the formula describes a polymer of a single amino acid with a phosphorylatable amino acid inserted in the middle of it. This manner of restriction is not consonant with the invention, which pertains to determining an amino acid sequence binding motif for a phosphorylation site of a kinase using a peptide library. Selecting a single amino acid for the Xaa positions of the peptides being tested would not be consistent with the methods as claimed. Accordingly, Applicant respectfully requests that the Examiner reconsider this requirement.

Respectfully submitted,  
*Nishikawa et al., Applicant*

  
John R. Van Amsterdam, Reg. No. 40,212  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, MA 02210-2211  
Telephone: (617) 720-3500

Docket No. C1123.70001US00  
Date: March 8, 2005  
**x03/08/05x**



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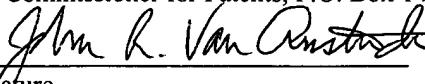
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Signature

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**TRANSMITTAL LETTER**

Transmitted herewith for filing are the following:

- Response to Species Election Requirement  
 Return Receipt Postcard

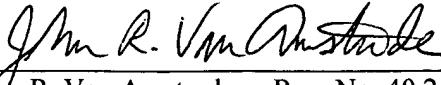
**Applicant claims small entity status.**

**Applicant requests a five month extension.**

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 646-8000, Boston, Massachusetts.

A check in the amount of **\$1,080.00** is enclosed to cover the five month extension fee. Please charge any underpayment or credit any overpayment to Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,  
*Nishikawa et al., Applicant*

By:   
John R. Van Amsterdam, Reg. No. 40,212  
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Boston, Massachusetts 02210  
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